



## COMPOSITION OF WALLS

W1	EQUITONE PICTURA PORCELAIN	8 MM
	AIR LAYER (made by 30x60 mm wooden battens)	30 MM
	DAMP PROOF MEMBRANE	–
	HOMESAL LDS 0,02 UV	–
	MINERAL WOOL NATURBOARD 032 (with 60x60 wooden battens)	60 MM
	OSB BOARD	15 MM
	STEICO WALL WITH ISOVER PREMIUM WDF (2x180 mm)	360 MM
	OSB BOARD	15 MM
	ISOVER UNI	60 MM
	GYPSUM BOARD	12.5 MM

E1	NOPO FOIL	8 MM
	STYRODUR	60 MM
	REINFORCED CONCRETE C20/25	450 MM
	SANDY CLAY SOIL (F4)	–

E2	FACADE PLASTER, BAUMIT MOSAIC	3 MM
	BAUMIT UNIPRIMER	–
	INSULATING BOARDS STYRODUR 2800 C	60 MM
	CONCRETE C20/25	–

## COMPOSITION OF FLOORS

F1	WOOD FLOOR SKANDER	12 MM
	INSULATION UNDERLAY	3 MM
	CONCRETE LAYER	50 MM
	PE SEPARATION LAYER	–
	ISOVER EPS 100S	150 MM
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	WATERPROOFING BITUMEN STRIP ELASTEK 40 SPECIAL MINERAL	4 MM
	REINFORCED CONCRETE C20/25	200 MM
	SANDY CLAY SOIL (F4)	–

## LEGEND OF MATERIALS

	SANDY CLAY SOIL (F4)
	INSULATING BOARDS STYRODUR 2800 C
	GRAVEL FRACTION 16–32 MM

## NOTES

- OSB BOARDS ARE CONNECTED TO STEICO JOISTS BY STEEL CLIPS BAE 180/45 VZH
- LIQUID GLASS MUST BE USED BEFORE STEEL THREADED ROD IS INSERTED IN THE CONCRETE

0.000 = 292.115 m.a.s.l., B.p.v COORDINATE SYSTEM S–JTSK

Project	BACHELOR THESIS		
Drawn by	Dávid Lendák		
Checked by	Ing. František Vajkay, Ph.D.		
Constructor	Dávid Lendák		
Address	612 00 Brno–Královo Pole / parcel number 251/6		
Building name	DETACHED FAMILY RESIDENCE	Size	4x4
Building object	S0 01 – FAMILY HOUSE	Date	05/2018
Stage	Building and structural solution	Stage of PD	DPS
Content	DETAIL A	SCALE	NO. 1 : 5 D.1.2.3